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Did you mean: (ratio methylated and unmethylated) or (ratio methylated **and unmethylated**)

Tumour class prediction and discovery by microarray-based DNA methylation analysis

P Adorjan, J Dirster, E Lipscher, F Model, J ... - Nucleic acids ..., 2002 - Oxford Univ Press

... Oligomers that hybridise if the CpG was **methylated** are referred to as CG oligomers and oligomers that hybridise if the CpG was **unmethylated** are referred ... The log **ratio** of the CG and TG oligomer hybridisation intensities was calculated and then averaged for experimental ...

Cited by 229 - Related articles - All 7 versions

nih.gov [HTML]

A preference of histone H1 for **methylated** DNA.

M McArthur, JO Thomas - The EMBO Journal, 1996 - ncbi.nlm.nih.gov

... It was used for the sedimentation experiment as a 1:1 mixture of **unmethylated** DNA and DNA ... effects, since we are asking about the general, genome-wide, recognition (or not) of **methylated** DNA by H1. H1-DNA complexes were formed at an input **ratio** (H1:DNA) of 40% (w/w) (~5 ...

Cited by 57 - Related articles - St. Direct - All 5 versions

nih.gov [PDF]

[HTML] Characterisation of colorectal cancers showing hypermethylation at multiple CpG islands

M Van Rijnsoever, F Grus, H Eisalem, D Joseph, B ... - Gut, 2002 - gut.bmjjournals.org

... To assess the sensitivity of MSP, DNA obtained from **methylated** and **unmethylated** control samples was mixed at different **ratios** prior to bisulphite treatment. MSP was able to detect as little as 3% **methylated** p16 allele content. The **ratio** of **methylated/non-methylated** allele for ...

Cited by 149 - Related articles - St. Direct - All 8 versions

bmj.com [HTML]

Hemimethylation prevents DNA replication in *E. coli*

DW Russell, ND Zinder - Cell, 1987 - Elsevier

... x 102] [9.0 x 105] pBROriTet 6.0 x 107 1.2.7 x 10 2 11.1 x 10] (1.6 x 10] pSYOriTet 2.7 x 105 1.6.5 x 10' [6.3 x 10] 13.2 x 105] The **Tf ratios** were calculated for each batch of competent cells when transformed with **unmethylated** (purified from GM2199) and **methylated** (from GM30 ...

Cited by 171 - Related articles - All 7 versions

Temporal and regional changes in DNA methylation in the embryonic, extraembryonic and germ cell lineages during mouse embryo development

biologists.org [PDF]

M Monk, M Boubelik, S Lehnert - Development, 1987 - dev.biologists.org

... The 10/3 **ratios** for the different DNAs were normalized to the 10/3 **ratio** of a reference DNA on each gel. ... Mspl will cleave the DNA at this sequence whether the internal cytosine is **methylated** or not, whereas Hpall will only cut the **unmethylated** sequence (Waalwijk & Flavell ...

Cited by 623 - Related articles - All 3 versions

Detection and interpretation of altered methylation patterns in cancer cells

T Ushijima - Nature Reviews Cancer, 2005 - nature.com

... Methylation of these CGIs was shown to give a very high hazard **ratio**, of over 20 ... Little is known about the relationship between the precise location of a **methylated** region and ... Although non-promoter CGIs are susceptible to methylation, they are still generally kept **unmethylated** ...

Cited by 102 - Related articles - All 8 versions

Multiple Sclerosis

mcponline.org [HTML]

JK Kim, FG Mastromarino, DD Wood, DM Lubman ... - Molecular & Cellular ..., 2003 - ASBMB

... The relative abundance (intensity of **methylated** peptide/intensity of **non-methylated** peptide) was obtained for each species ... In both C-4 and C-5 of the MS samples, the **ratios** (**methylated/unmethylated**) were 2-3 times greater than the corresponding **ratios** from normal ...

Cited by 88 - Related articles - St. Direct - All 4 versions

The affinity of different MBD proteins for a specific **methylated** locus depends on their intrinsic binding properties

nih.gov [HTML]

MF Fraga, E Ballestar, G Montoya, P ... - Nucleic acids ..., 2003 - Oxford Univ Press

... 4 and Table 1). The ability of a given MBD to discriminate between **unmethylated** and **methylated** versions of the same DNA fragment can be determined by calculating the **ratio** of the R 1/2 values for **unmethylated** DNA divided by the same value for **methylated** DNA. ...

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Cleavage of **methylated** CCCGGG sequences containing either N4-methylcytosine or 5-methylcytosine with Mspl, Hpall, SmaI, XmaI and Cfr9I restriction ...

nih.gov [PDF]

V Butkus, L Petrusauskienė, Z Manetienė, S ... - Nucleic acids ..., 1987 - Oxford Univ Press

... **methylated** deoxycytidines based on absorbance **ratios** of peaks at ... Endonuclease Mspl proved an exception, cleaving the cognate hemimethylated site besides, the **methylated** strand (5mCCGG) was more readily cleaved as compared to the **unmethylated** strand (Table 3). ...

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